

## Everglades National Park

### PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Everglades National Park. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Public Use Statistics Program Center to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

#### Recreation Visits

##### Pine Island District

1. At the Royal palm entrance station, the number of vehicles entering the main gate for recreational purposes is recorded by fee collectors. The vehicle count is multiplied by the Persons-Per-Vehicle (PPV) multiplier of 2.5<sup>1</sup> for January through August, and 2.3 for September through December.
2. At the Royal Palm entrance station, the number of buses and bus visitors entering the main gate is recorded by fee collectors.
3. An estimate of vehicles (1050) entering the visitor center parking area, that do not enter via the main entrance, is multiplied by the PPV multiplier of 2.5<sup>1</sup> for January through May, 2.7 for June through August, and 2.3 for September through December.
4. At Shark Valley, an inductive loop traffic counter is located on the entrance lane. the traffic count is reduced by the number of nonreportable vehicles (100 per month). The reduced count is multiplied by the PPV multiplier of 2.17<sup>2</sup>.

##### Flamingo District

5. At the Flamingo parking area, rangers take a daily count of boat trailers. The trailer count is multiplied by 2.7 to estimate the number of boats in Flamingo bay. The estimated boat count is multiplied by the persons-per-boat multiplier of 3.5.

##### Everglades City District

6. At Everglades City Ranger Station, An inductive loop traffic counter is located on the entrance lane to the parking area. The traffic count is reduced for nonreportable vehicles (100 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.5<sup>1</sup>.

<sup>1</sup> Source 1991 Traffic Study

<sup>2</sup> Source 1987 Traffic Study

##### East Everglades District

7. The number of visitors entering east everglades.

### Nonrecreation Visits

at the Royal Palm entrance station, the number of Nonrecreation vehicles entering the park is recorded by fee collectors. The traffic count is multiplied by the PPV multiplier of 1.5.

### Recreation Visitor Hours

Recreation visitor hours are determined by the locations visited. The locations and the average length-of-stay for each location is listed in Table 1. Total recreation visitor hours are the sum for those categories.

**Table 1**  
Locations visited and the Average Hours Per Visit

Location	Hours per Visit
Main Park Entrance	5.0
Boat Visitors	5.5
Shark Valley	2.5
East Everglades	4.0
Everglades City	0.5
Overnight Stays	27.0

### Nonrecreation Visitor Hours

Nonrecreation visitors are multiplied by 4.5 hours per visit.

### Overnight Stays

Concessioner Lodging - Flamingo Lodge

<sup>1</sup> Source 1991 Traffic Study

<sup>2</sup> Source 1987 Traffic Study

The number of visitors staying overnight as reported by the concessioner.

NPS Campgrounds - Flamingo, Long Pine Key

The number of visitors staying overnight as determined by the fee collection system.

NPS Backcountry - Various Locations (hike-in, boat-in)

The number of visitors staying overnight as determined by the permits issued.

NPS Miscellaneous -

The number of nights stayed by group campers.

### **Special Use Data**

Line a. Vehicles at Main Entrance

Line b. Vehicles at Shark Valley

Line c. Vehicles at Gulf Coast Ranger Station

Line n. The number of tour buses